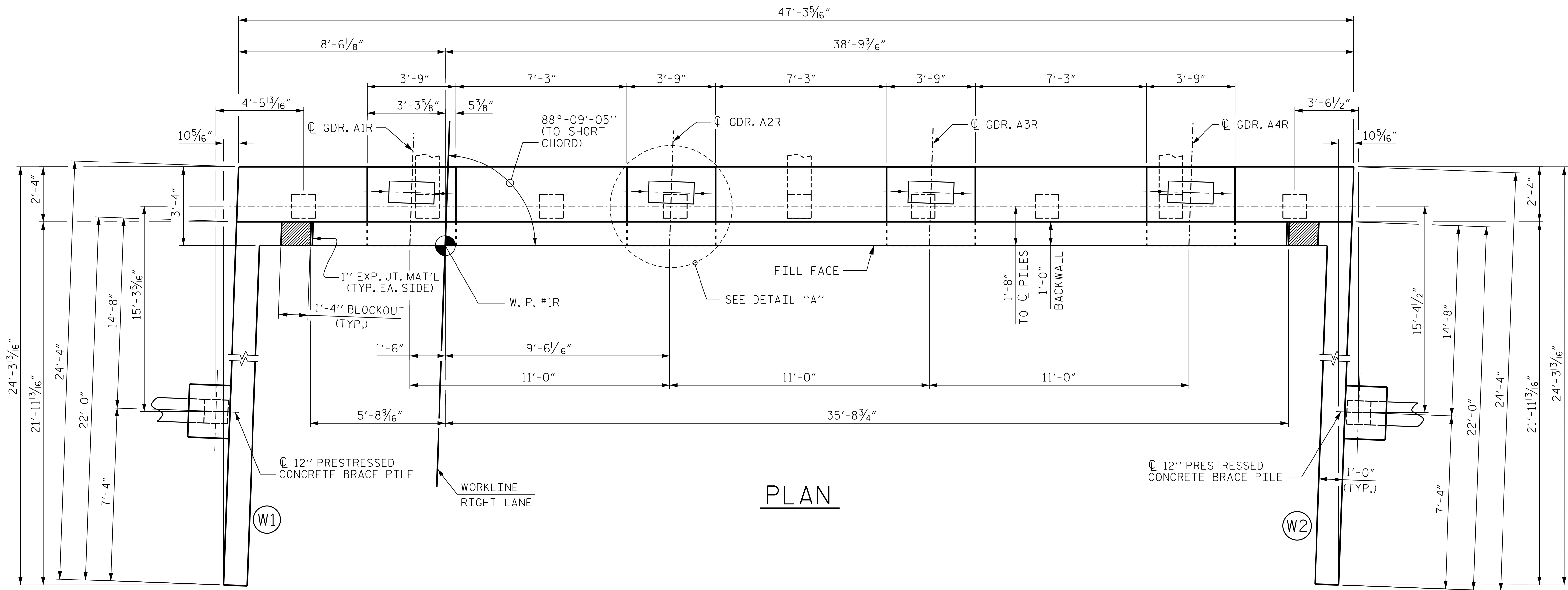
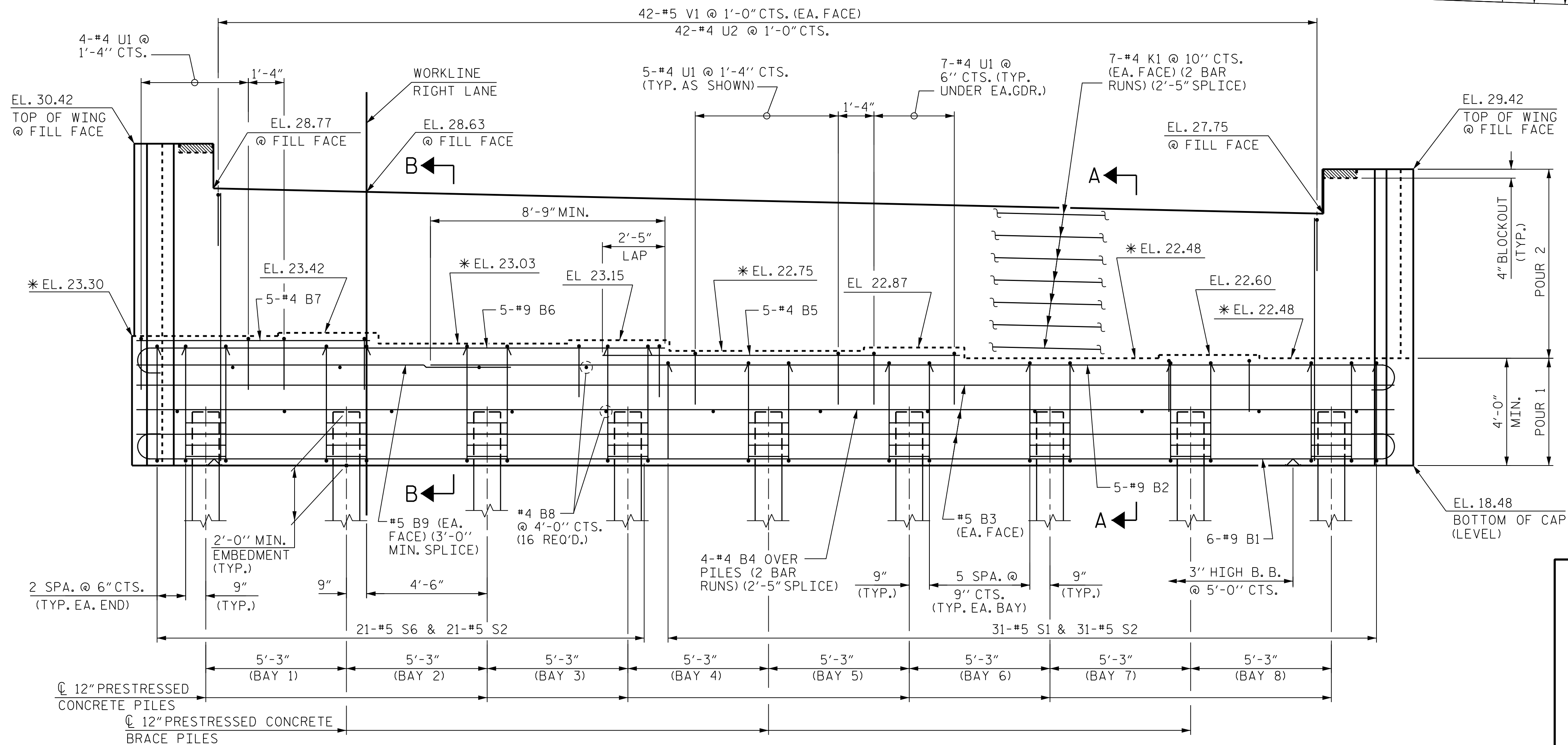


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PLAN



ELEVATION

REINFORCING STEEL NOT SHOWN IN WING AND BRACE PILE
CAP FOR CLARITY. SEE WING DETAILS, SHEET 2 OF 3.

NOTES:

STIRRUPS IN CAP MAY BE SHIFTED AS NECESSARY TO CLEAR
ANCHOR BOLTS.

THE CONTRACTOR SHALL PROVIDE FOR INSTALLATION OF
THE 4" DIAMETER DRAIN PIPE THROUGH THE WING WALL
AS REQUIRED FOR REINFORCED BRIDGE APPROACH FILLS,
SEE THE ROADWAY PLANS. REINFORCING STEEL IN THE
WING WALL MAY BE SHIFTED AS NECESSARY TO CLEAR
THE DRAIN PIPE.

BACKWALL SHALL BE PLACED BEFORE APPLYING THE EPOXY
PROTECTIVE COATING.

THE TOP SURFACE AREAS OF THE END BENT CAPS SHALL BE
CURED IN ACCORDANCE WITH THE STANDARD
SPECIFICATIONS EXCEPT THE MEMBRANE CURING COMPOUND
METHOD SHALL NOT BE USED.

THE TOP SURFACE OF THE END BENT CAP EXCEPT THE BRIDGE
SEAT BUILDUPS SHALL BE SLOPED TRANSVERSELY FROM THE
FILL FACE TO THE BACK FACE AT THE RATE OF 2%.

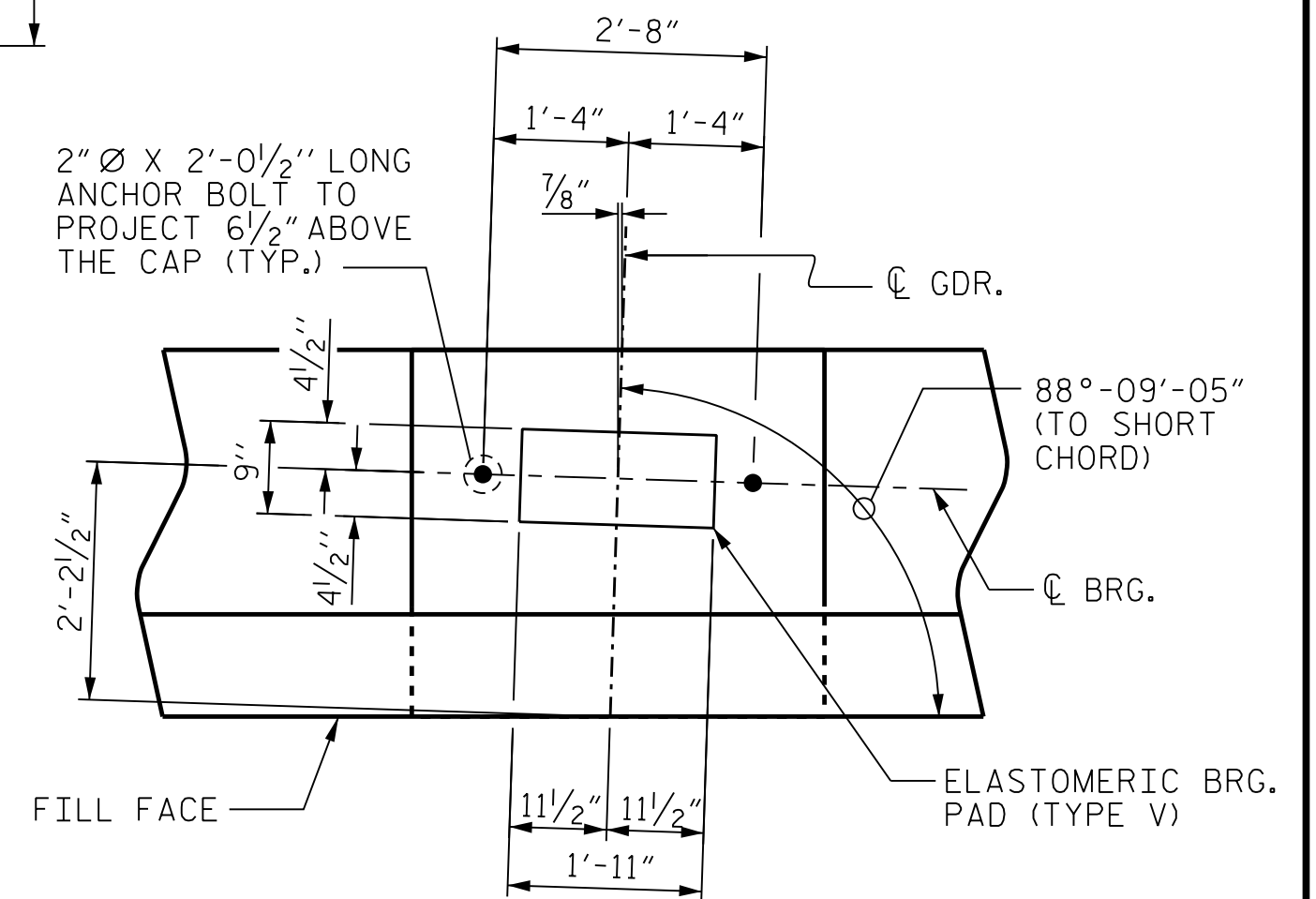
THE CONCRETE IN THE SHADED AREA SHALL BE POURED AFTER
THE BARRIER RAIL IS CAST IF SLIP FORMING IS USED.

FOR LOCATION OF ELEVATION BETWEEN BRIDGE
SEATS, SEE SECTION A-A ON SHEET 3 OF 3.

FOR SECTION A-A AND SECTION B-B, SEE SHEET 3 OF 3.

FOR TEMPORARY DRAINAGE AT END BENT DETAIL, SEE SHEET
3 OF 3.

FOR ADDITIONAL NOTES, SEE "GENERAL DRAWING" SHEET 4 OF 8.



DETAIL "A"

(TYP. EA. BRG.)

PROJECT NO. R-2514B
ONSLOW/JONES COUNTY
STATION: 173+54.46 -L-

SHEET 1 OF 3



DocuSigned by:
Paul R. Holshouser
1C5F948AFC444D... 2/3/2015



The LOUIS BERGER GROUP, Inc.
1001 Wade Avenue, Suite 400
Raleigh, NC 27605-3322
NC COA No. F-0840

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUBSTRUCTURE
END BENT 1
(RIGHT LANE)

REVISIONS

NO.	BY:	DATE:	NO.	BY:	DATE:	SHEET NO.
1			3			S5-45
2			4			TOTAL SHEETS 75

DRAWN BY : J. MYA DATE : 03/14
CHECKED BY : R. COFFMAN DATE : 07/14
DESIGN ENGINEER OF RECORD : P. HOLSHOUSER DATE : 10/14